

## MOTOR FOR GENERATING VIBRATION

### BACKGROUND OF THE INVENTION

#### **Field of the Invention**

[ 0 0 0 1 ]

This invention relates to a device for generating vibration that is mainly mounted in a portable apparatus (including such electronic devices as a mobile phone, a PHS, a small wireless communications device, and other various portable information communications terminals) to perform a soundless alarm function, specifically to a power supply mechanism for a power supply land of a circuit board of a power source side in a housing of a portable apparatus and for the aforementioned motor for generating vibration held by the housing.

#### **Description of the Related Art**

[ 0 0 0 2 ]

A sudden incoming ring tone of a portable apparatus may sometimes disturb others in, for example, a quiet public space such as an art gallery and a concert hall with many people in a room for important commercial negotiations or conferences. Therefore, a wireless alarm function using a device for generating vibration to report an incoming signal with sensible vibration is mounted in various portable apparatuses.

[ 0 0 0 3 ]

The devices for generating vibration can mainly be classified into two types from the viewpoint of structures. One of these is a so-called motor for generating vibration